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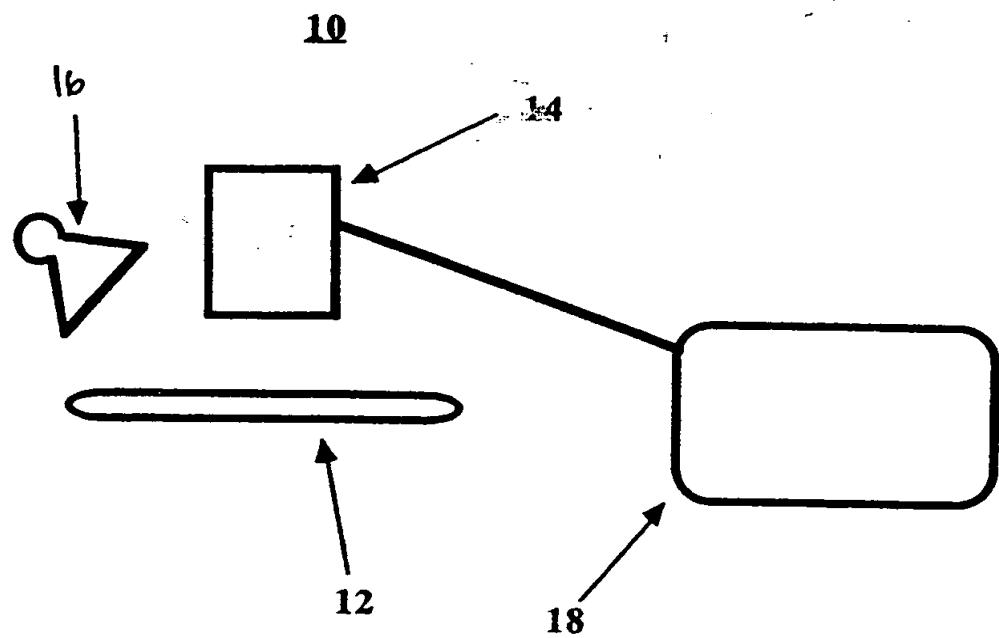


Fig 1

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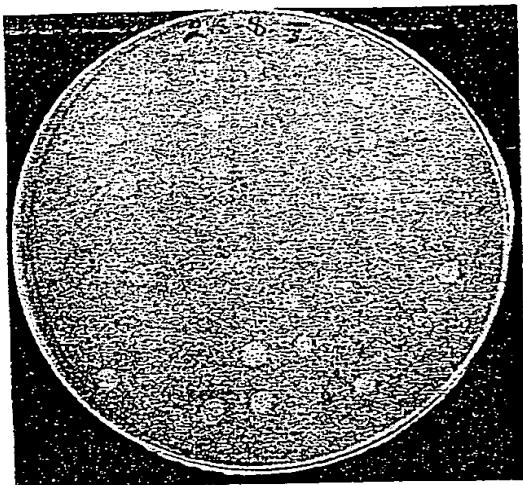


Fig 2a

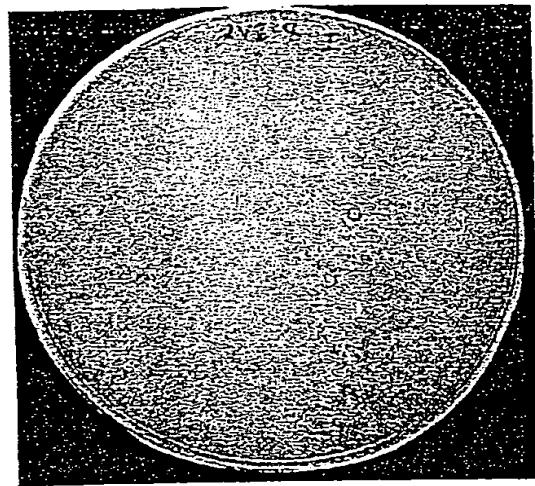


Fig 2b

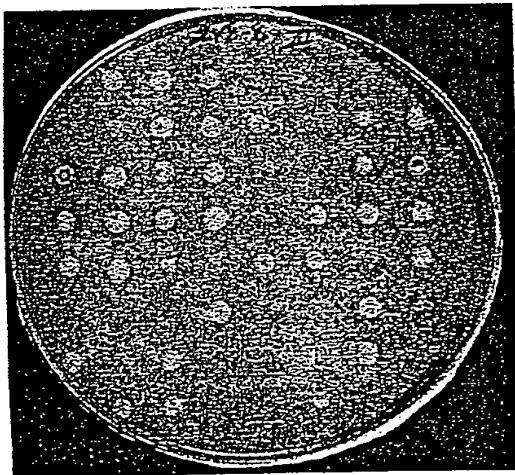


Fig 2c

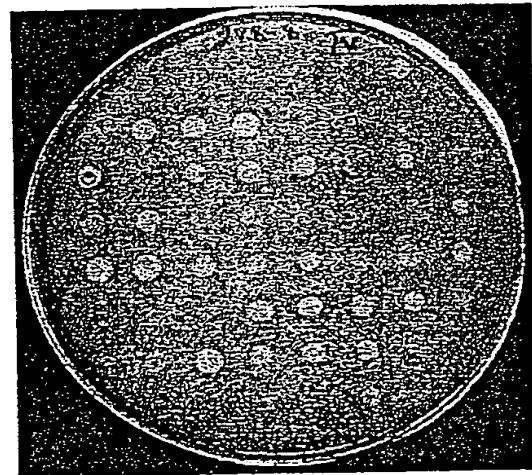


Fig 2d

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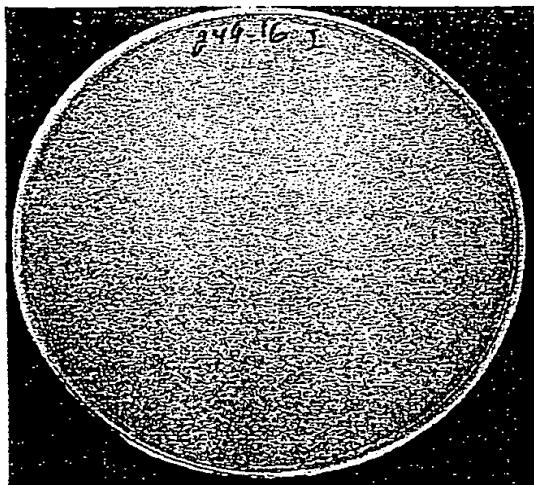


Fig 3a

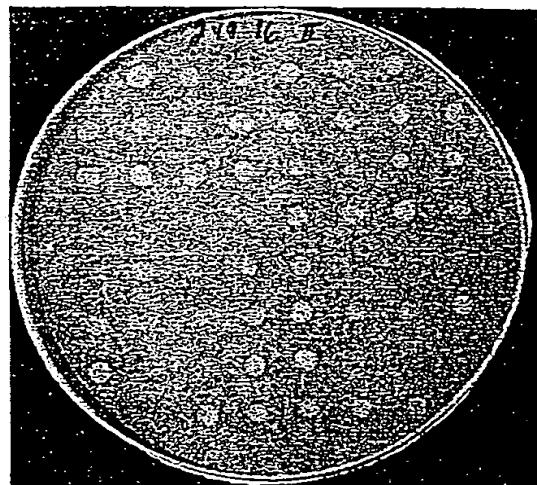


Fig 3b

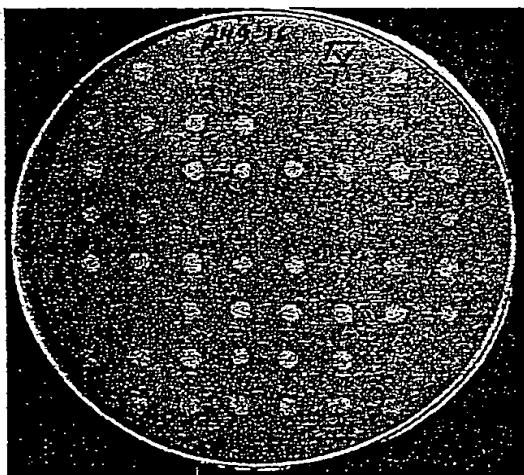


Fig 3a

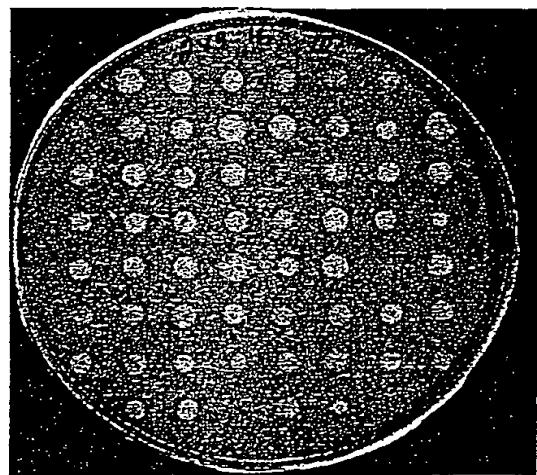


Fig 3c

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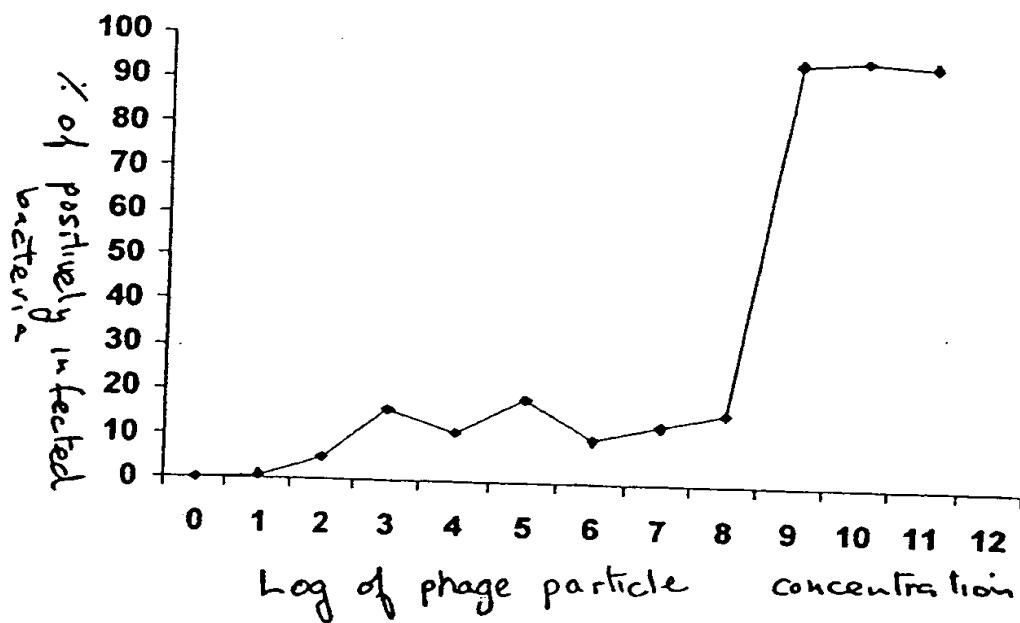


Fig 4

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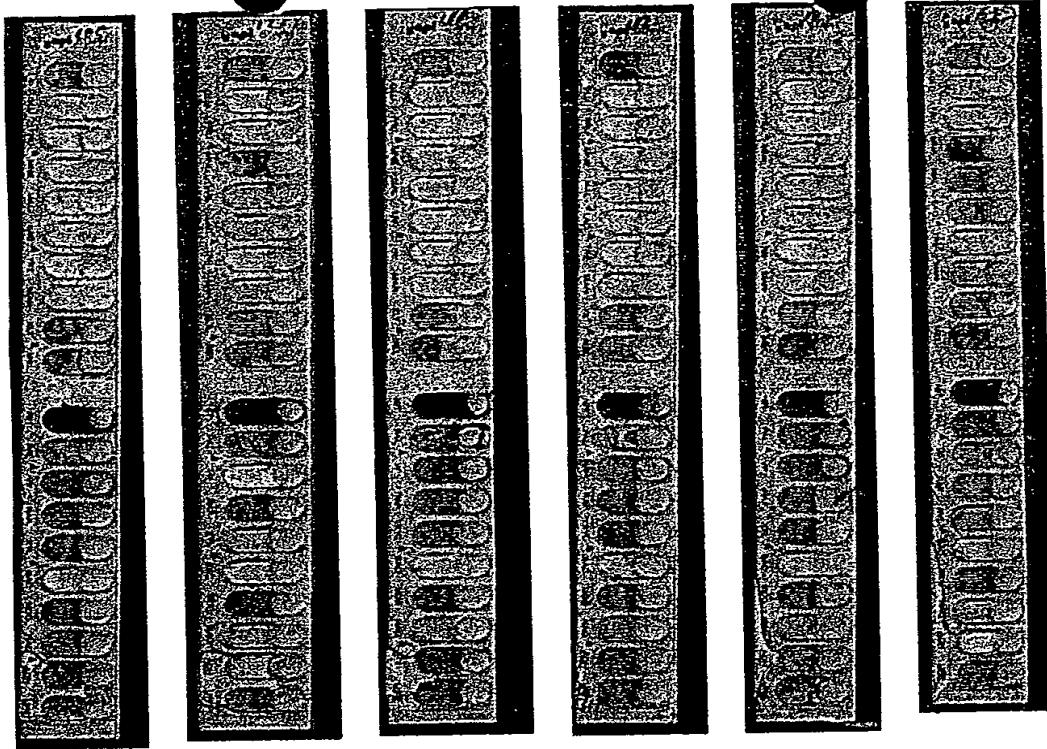


Fig 5

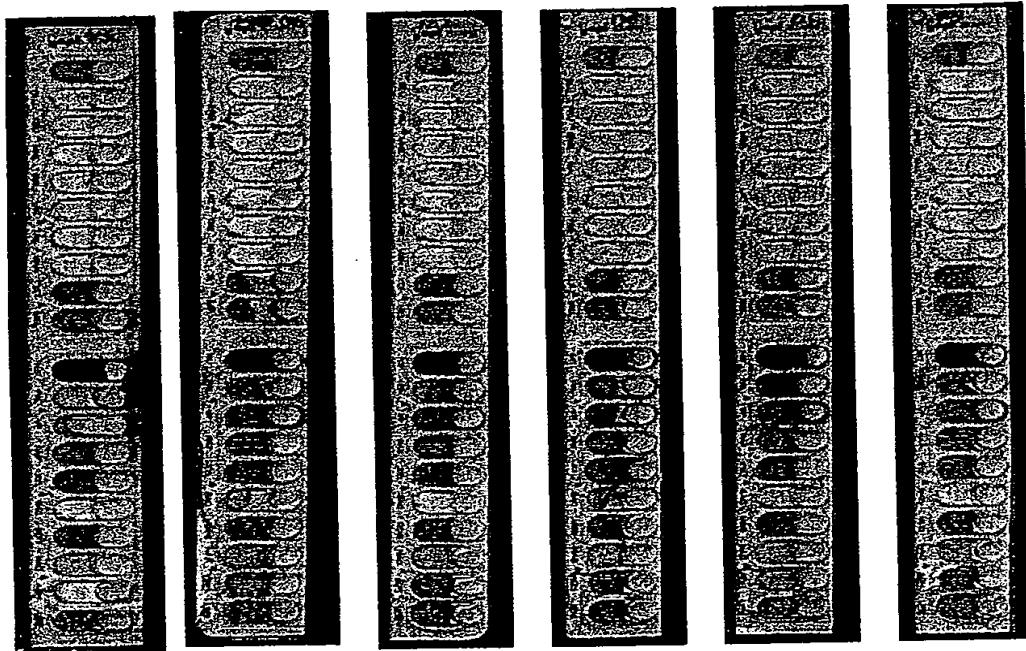


Fig 6

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Phage pattern, # set (# of phage in the set)	Bacteria # API
A43, B(7,12,23), D(9,58), E41, F(61,63), G(2,3,4,5,6,7,9,10,11,12,15,16,17,20,21,23,24,25,26,27,28,29,30,32,33,34,35,36,37,38,39,40,41,42,43,45,46,47,48,49,50,51,53,54,55,56,58,59,60,61,62,63), H(2,3,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63), I(2,3,4,6,7,9,49,50,52,53,54,55,56,58,59,61,63), J(28,54)	105 6736153 <i>S. aureus</i>
A43, D58, F(61,62,63), G(2,4,5,6,7,9,10,12,16,17,20,21,23,24,26,27,28,29,30,32,33,34,35,36,37,38,39,40,41,42,43,45,46,47,48,50,51,54,55,56,58,59,60,61,62,63), H(2,4,5,6,7,9,10,11,12,14,15,16,17,18,19,20,21,23,24,26,27,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,49,51,52,53,54,55,56,57,58,59,60,61,62,63), I(2,3,4,6,7,9,10,49,50,52,53,54,61,63), J(28,54)	112 6736153 <i>S. aureus</i>
A(16,43,54,55,56), B(12,17,23,56), C(15,32,36,44,45,49,54,55,61,63) D(5,7,12,41,55,56,58,61), E(24,30,32,36,41,62), F(61,62,63), G(2,3,4,5,6,7,9,10,11,12,14,15,16,17,20,21,22,23,24,25,26,27,28,29,30,32,33,34,35,36,37,38,39,40,41,42,43,45,46,47,48,49,50,51,53,54,55,56,58,59,60,61,62,63), H(2,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,51,52,53,54,55,56,57,58,59,60,61,62,63), I(2,3,4,6,7,9,49,50,52,53,54,55,56,58,59,61), J(28,52,54)	109 6736153 <i>S. aureus</i>
B(12,33), F61, G(2,9,16,17,21,27,32,34,35,38,41,43,45,51,54,56,58,59,60,61,62,63), H(5,10,11,15,18,19,20,21,23,24,26,27,30,33,34,36,37,41,43,46,47,49,53,54,55,56,58,59,60,63), I(2,4,6,7,49,54,58,59)	122 6736153 <i>S. aureus</i>
B(12,17,23), D58, F(61,62,63), G(2,3,4,5,6,7,9,10,12,15,16,17,20,21,23,24,26,27,28,29,30,32,33,34,35,36,38,39,40,41,42,43,45,46,47,48,50,51,54,56,58,59,60,61,62,63), H(2,4,5,6,7,9,10,11,12,14,15,16,17,18,19,20,21,23,24,25,26,27,30,33,34,35,36,37,38,39,41,46,47,49,51,53,54,55,56,58,59,61,62,63), I(2,3,4,6,7,9,49,52,53,54,61), J(28,54)	106 6736153 <i>S. aureus</i>
A43, B(12,17,23), D58, F(61,62,63), G(2,3,4,5,6,7,9,10,11,12,16,17,20,21,23,24,26,27,28,29,30,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50,51,54,55,56,58,59,60,61,62,63), H(2,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63), I(2,3,4,6,7,9,49,50,51,52,53,54,55,56,58,59,61), J(28,54)	136 6736153 <i>S. aureus</i>

Fig 7

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Positive bacteriophages	Bacteria
A 52, C (33,55,62,63), D 17,42, E (40,42,43), F (5,6,7,11,12,17,21,41,49,53), G 13, I (12,13,14,17,18,20,21,22,25,26,27,30,31,32,34,37,38,39,41,42,43)	127 6736152 <i>S.aureus</i>
A (5,27), C (16,33,37,55,62,63), D (5,17,42), E (40,42), F (5,6,7,11,12,15,17,21, 41,49), G 13, I (12,13,14,15,17,18,20,21,22,25,26,27,30,31,32,34,37,38,39,41, 42,43,48)	125 6736152 <i>S.aureus</i>
A 43, B (12,17,23), D 58, E 41, F (61,62,63), G (2,3,4,5,6,7,9,10,12,16,17,19,20,21 23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,,45,46,47, 48, 49,50,51,52,53,54,55,56,57,58,59,60,61,62,63), I (2,3,4,6,7,9,49,50,52,53,54,55 56,58,59,61,63), J (28,41,54)	111 6736151 <i>S.aureus</i>
A (2,3,6,7,11,12,14,15,16,19,23,28,29,30,50,51,52,53,54,55,56), B (25,27,50,51, 52,53,54,55,56,58,59,60,61,62,63), C (2,3,5,10,11,12,14,15,16,17,18,19,22,23, 24,25,26,27,27,30,32,34,35,36,37,38,42,44,45,46,47,48,49,51,52,54,55,56,5 8, 59,60,61,62,63), D (2,3,4,5,6,7,10,11,12,14,15,18,23,28,29,31,35,36,38,50,51,54 ,61,62,63), E (2,3,4,5,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,26,27,28,29 30,31,32,33,34,35,37,40,45,47,56,59,63), F (13,26,27,28,31,32,33,39,43,56), G 13, I (10,12,15,18,20,22,25,35,38,41), J (12,15,16,26,33,35,36,38,39,53)	47 6736150 <i>S.aureus</i>
A 27, B 51, C (33,62,63), D (17,42), E (14,40,42,43), F (5,6,7,11,12,15,17,21,30, 41,47,49,53), G 13, I (12,13,14,17,18,20,22,25,26,27,30,31,32,34,37,38,39,41 ,42,43,47), J (30,53)	44 6736150 <i>S.aureus</i>

Fig 8

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Bacteria API #	Positive reactive bacteriophages
PS 42E 6736150 <i>S. aureus</i>	C(22,32,40,45,52,61,62), D(5,12,14,17,42,44,47), E(14,20), F(6,7,41,47,53), I(14,15,26,27,30,37,43,47), J(38,39)
PS 71 6536150 <i>S. carnosus</i>	J2
PS RG 6516150 <i>S. hyicus</i>	B(19,20,21,28), F(25,36,44,53,54,61), G18, H(48,50), J(45,52)
PS 81 6736150 <i>S. aureus</i>	A43, B(12,17,23), C9, D(40,41)
PS 96 6736130 <i>S. aureus</i>	B10, D34
67 6717662 <i>S. chromogenes</i>	F2, H33
121 6736452 <i>S. xylosus</i>	F(25,36), G18, H50, I48, J45
73 6516111 <i>S. hyicus</i>	F(25,36), G18, H50, J(45,52)

Fig 9